

How to change front brake discs on Toyota RAV4 III – replacement guide

 VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
TOYOTA CAMRY Saloon (_V4_) 2.4 (ACV40), TOYOTA CAMRY Saloon (_V4_) 2.4 (ACV40_), TOYOTA MATRIX (_E14_) 2.4 (AZE14_), TOYOTA RAV 4 III (_A3_) 2.4 (ACA36, ACA38), TOYOTA RAV 4 III (_A3_) 2.4 4WD (ACA31, ACA33)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – TOYOTA RAV4 III. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 14
- Drive socket # 17
- Wheel impact socket #21
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Wheel chock

Replacement: brake discs – Toyota RAV4 III. AUTODOC recommends:

- Replace the brake disks on the car Toyota RAV4 III in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – Toyota RAV4 III – should be done with the engine switched off.

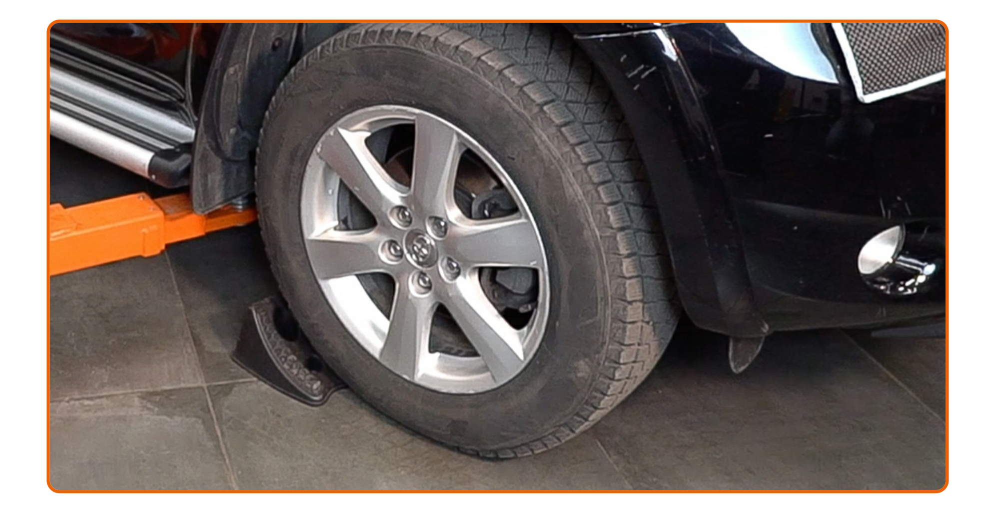
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #21.

4



Raise the front of the car and secure on supports.

5



Unscrew the wheel bolts.

Replacement: brake discs – Toyota RAV4 III. Tip:

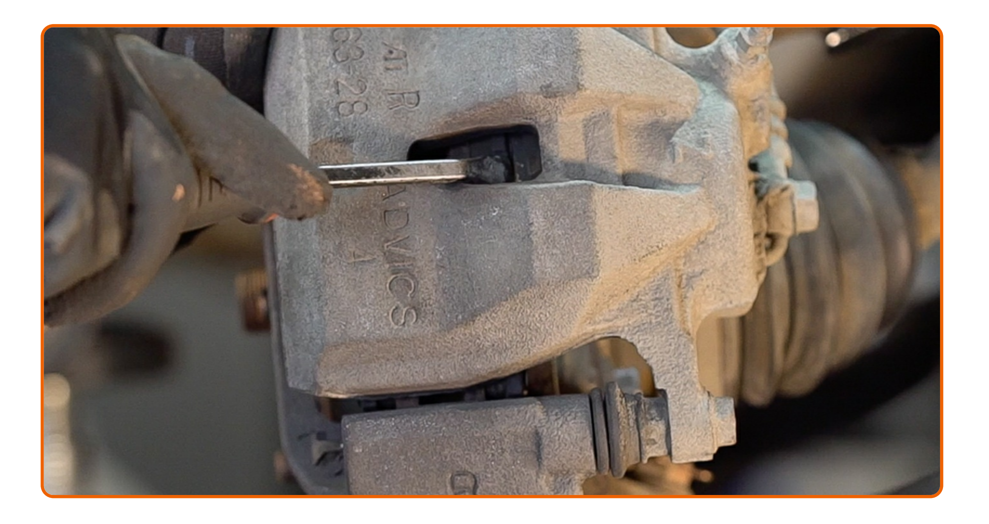
- To avoid injury, hold up the wheel when unscrewing the bolts.

6



Remove the wheel.

7



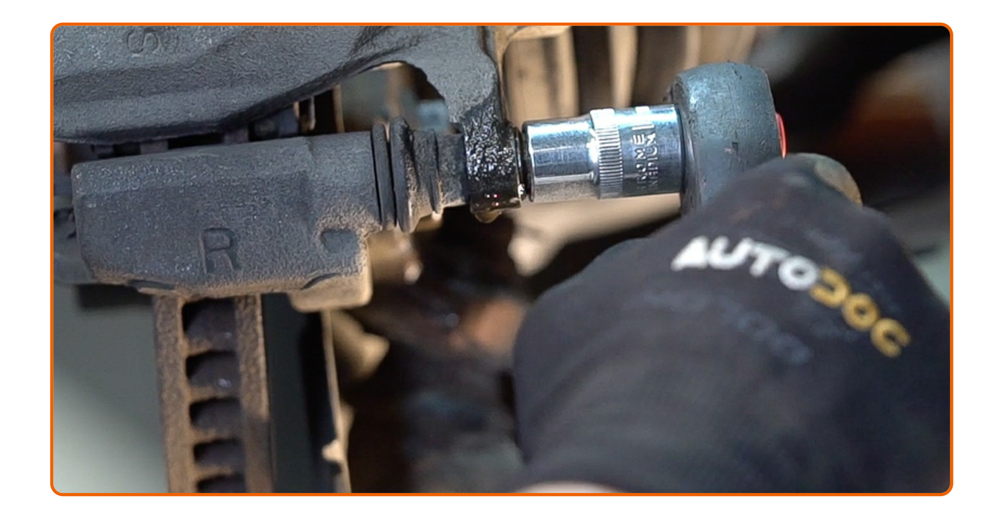
Spread the brake pads. Use a crowbar.

8



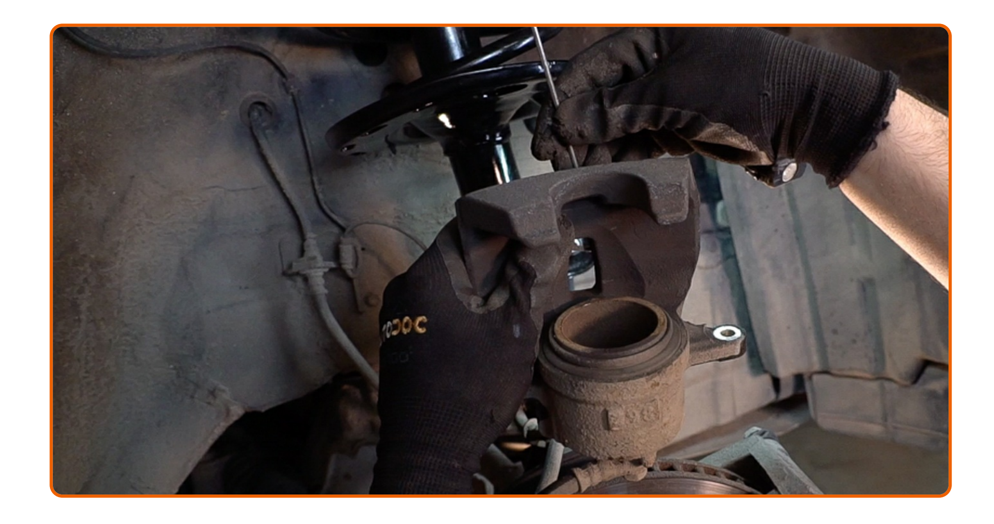
Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

9



Unscrew the brake caliper fastening. Use a drive socket #14. Use a ratchet wrench.

10



Remove the brake caliper.

Replacement: brake discs – Toyota RAV4 III. AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11



Remove the brake pads.

12



Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

13



Unscrew the caliper bracket fastening. Use a drive socket #17. Use a ratchet wrench. Use a tap wrench.

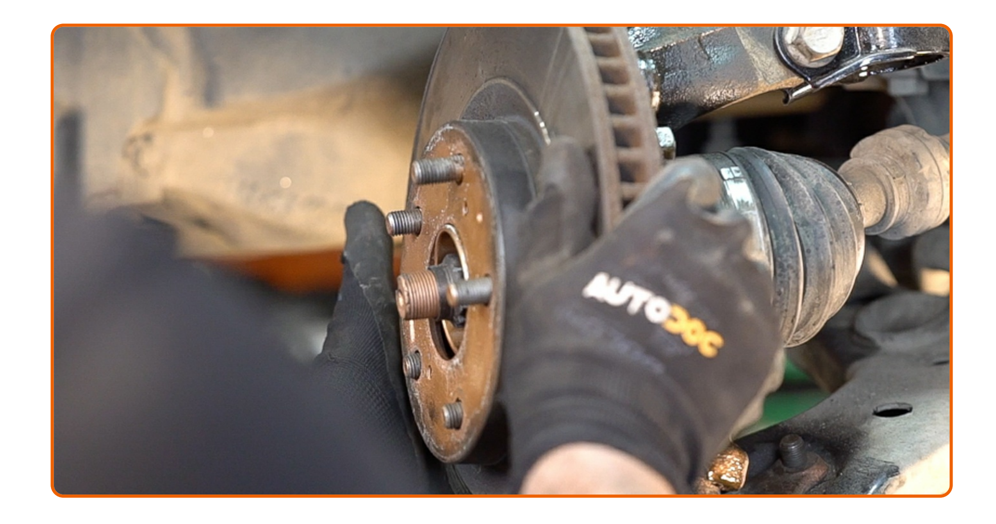
14



Remove the caliper bracket.



15



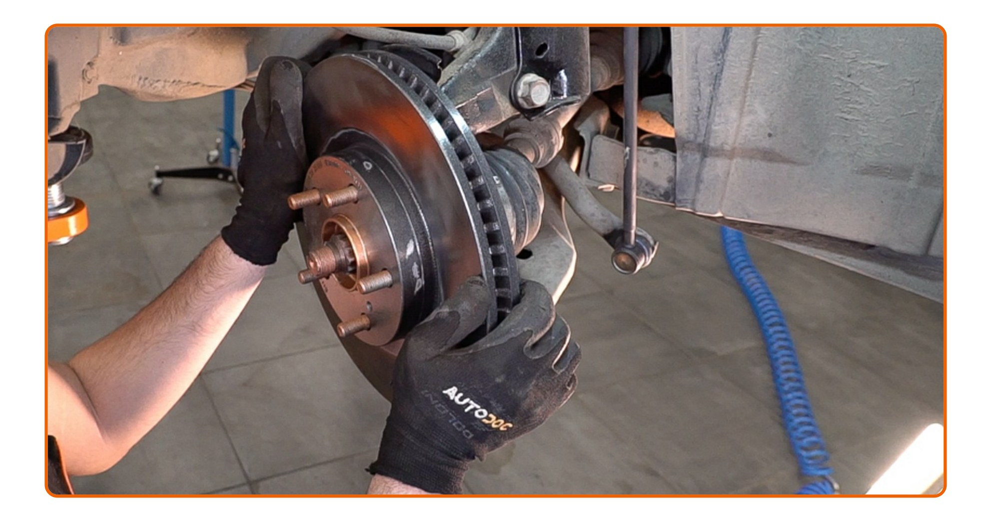
Remove the brake disc.

16



Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

17



Install the brake disc.

18

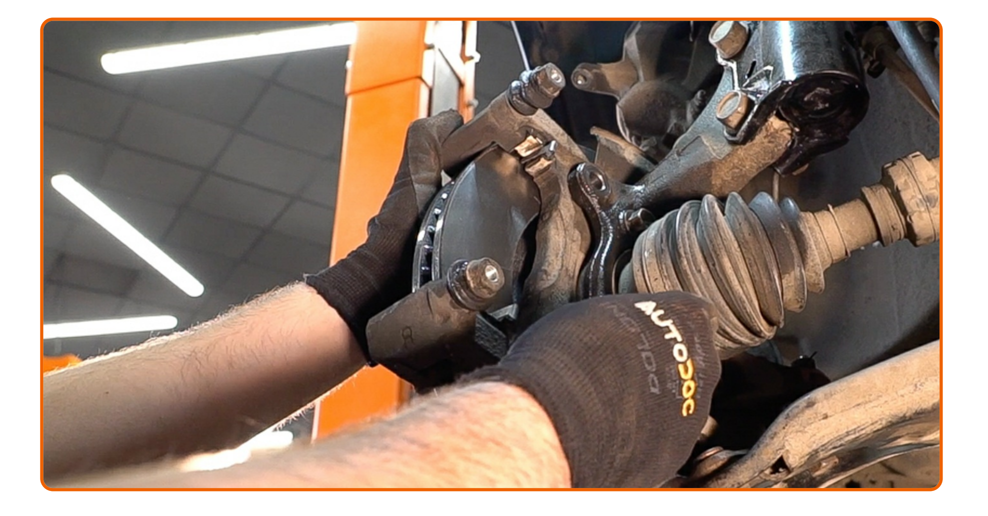


Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

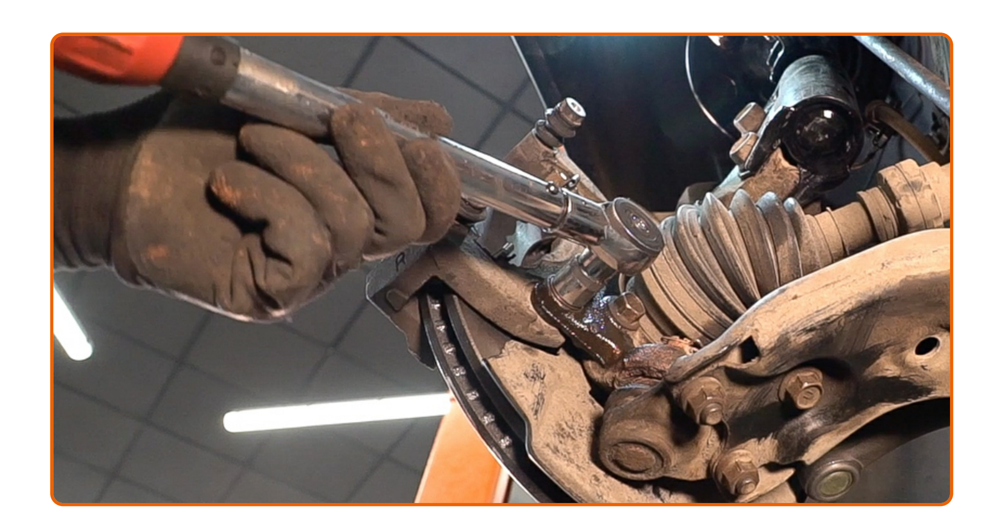
- Replacement: brake discs – Toyota RAV4 III. After applying the spray, wait a few minutes.

19



Install the brake caliper bracket.

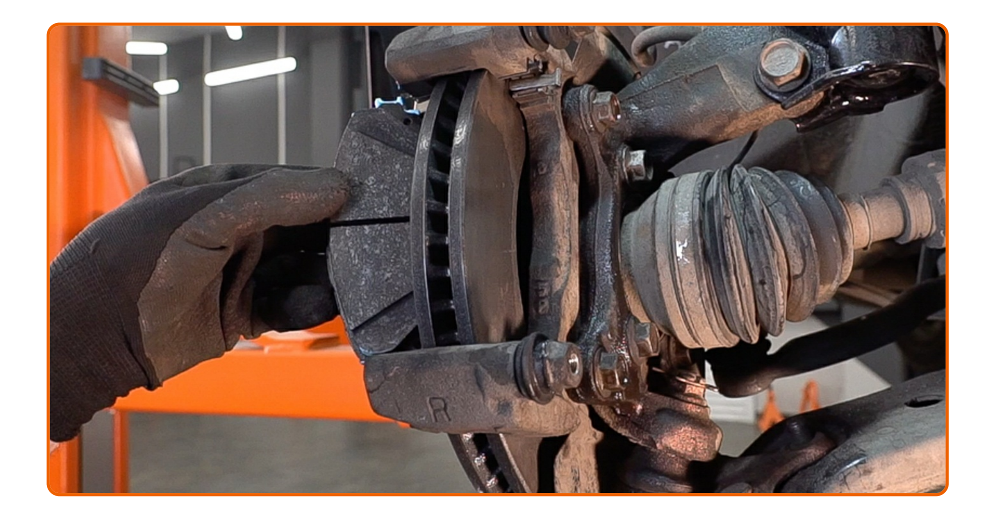
20



Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 75 Nm torque.



21



Install the brake pads.

22

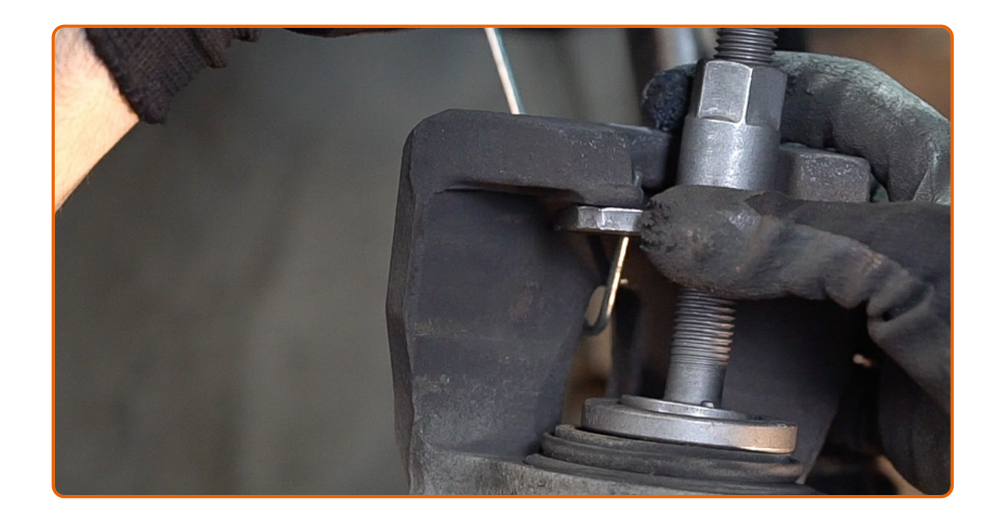


Treat the brake caliper piston. Use a brake cleaner.

Replacement: brake discs – Toyota RAV4 III. Tip:

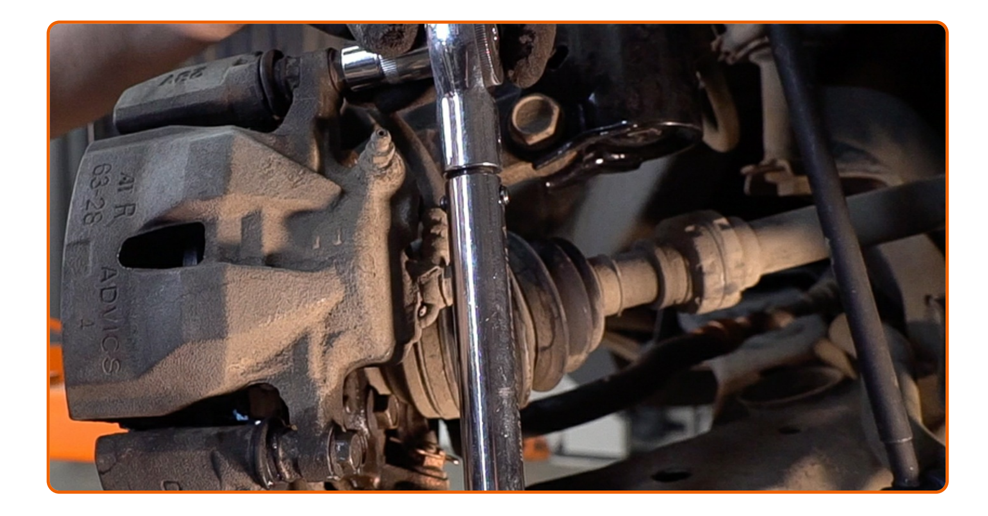
- After applying the spray, wait a few minutes.

23



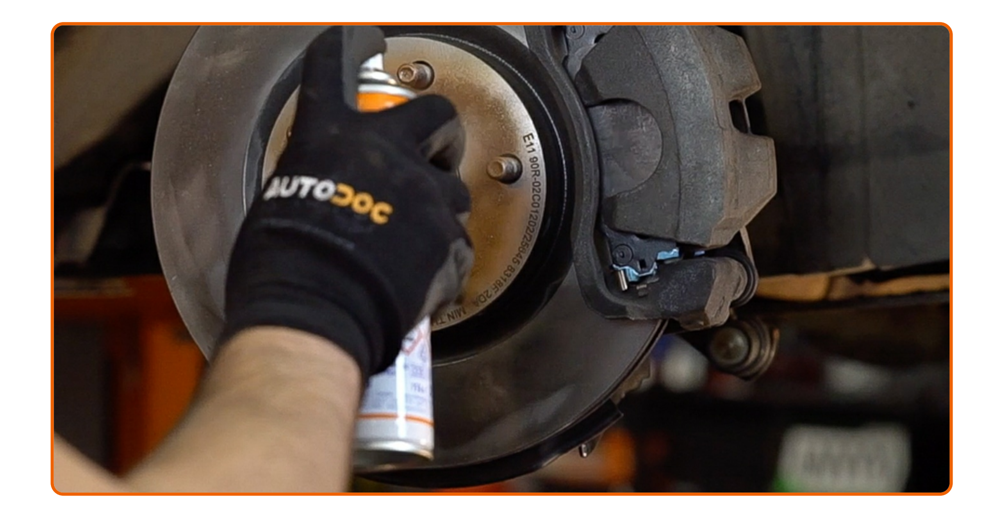
Press in the brake caliper piston. Use brake caliper wind back tool.

24



Install the brake caliper and fix it. Use a drive socket #14. Use a torque wrench. Tighten it to 35 Nm torque.

25



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

26

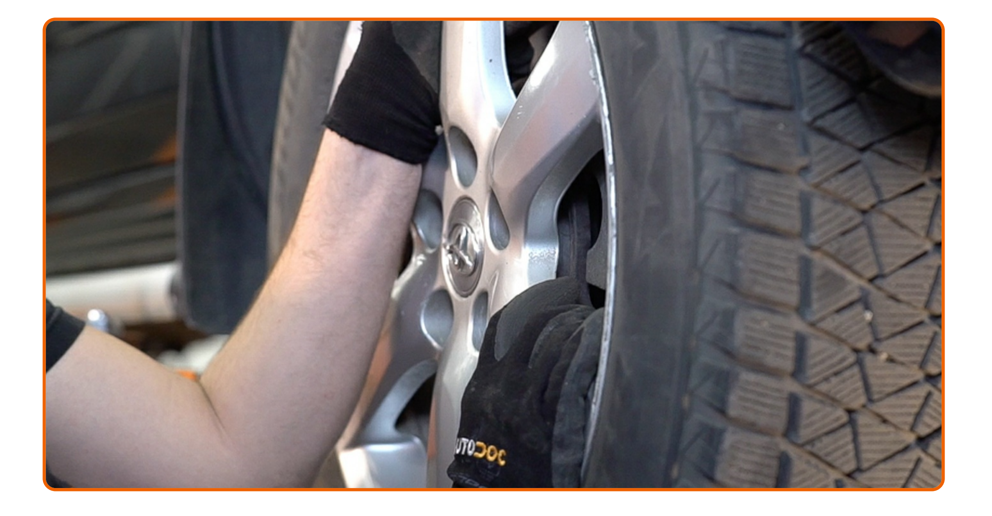


Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Toyota RAV4 III. After applying the spray, wait a few minutes.

27



Install the wheel.

Replacement: brake discs – Toyota RAV4 III. Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

28



Screw in the wheel bolts. Use wheel impact socket #21.

29



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

30



Remove the jacks and chocks.

Replacement: brake discs – Toyota RAV4 III. Professionals recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

31



Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- Toyota RAV4 III – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

32



Close the hood.



DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

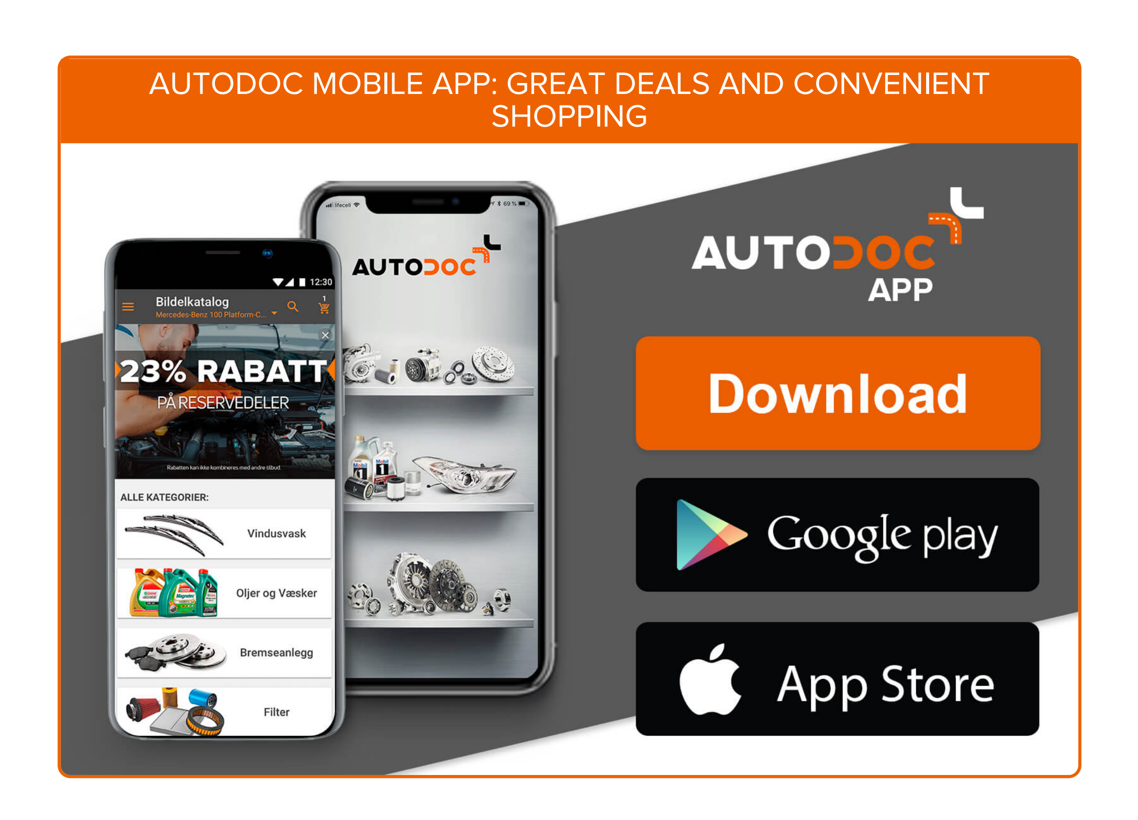


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